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1. The text of those sections of Title 35 U. S. Code not included in this action can be found in a prior Office action.

2. Claims 32 and 33 are rejected under 35 U.S.C. 103 as being unpatentable over Roberts.

Roberts teaches an oscillating transmission structurally similar to that recited by applicant, differing in that the "input" and "output" gears are functionally reversed. One of ordinary skill in the art would have found obvious the reversal of input and output functions of gears 19 and 34 of Roberts, respectively.

3. Claims 27-29 and 43-46 are rejected under 35 U.S.C. 102 (b) as being anticipated by Hunter '056.

Spring means 56 of Hunter respectively comprise "first" and "second" biasing means. The functional language of claim 29 is considered a mere description of the Hunter '056 transmission in operation.

4. Claims 34, 38, and 39 are rejected under 35 U.S.C. 103 as being unpatentable over Hunter '056 in view of Roberts.

The Hunter '056 transmission differs from that claimed by applicant in its specific gear arrangement. Roberts teaches a transmission with gears arranged as set forth hereinabove. It would have been obvious to one having ordinary skill in the art to have substituted gear arrangement as suggested and taught by Roberts for that of the Hunter '056 transmission.

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5. Claims 2-26, 40-42, and 47-65 are allowable over the prior art of record.

6. Claims 30, 31, and 37 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. Applicant's arguments with respect to claims 32 and 33 have been considered but are deemed to be moot in view of the new grounds of rejection.

8. Applicant's arguments filed 29 December 1987 have been fully considered but they are not deemed to be persuasive. With respect to Hunter '056, if either of the springs 56 were "removed", the other would still comprise a "biasing means".

To further clarify Roberts as applied to claims 32 and 33, gears 23, 22, and 24 respectively comprise first drive, second drive, and idler gears.

9. Applicant's amendment necessitated the new grounds of rejection. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP 706.07(a).

Applicant is reminded of the extension of time policy set forth in 37 CFR 1.136(a). The practice of automatically extending the shortened statutory period an additional month upon the filing of a timely first response to a final rejection has been discontinued by the Office. See 1021 TMOG 35.

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION

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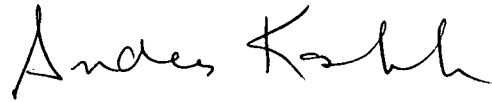
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FEE PURSUANT TO 37 CFR 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

10. Any inquiry concerning this communication should be directed to Patrick Burkhart at telephone number 703-557-3618.


Burkhart:dap

4/12/88



ANDRES KACHUKOW
SUPERVISORY PATENT EXAMINER
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